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Thank you for purchasing the RadioShack Reef Skimmer. It is a super-fast and powerful speed boat! You can race it at speeds up to 480-feet-per-minute on ponds, lakes, rivers, and large pools. The skimmer comes in two frequencies — 27 MHz and 49 MHz — so you can race with your friends. Check the box for the frequency listing. The skimmer has an automatic bilge pump which helps to keep the jet skier upright. Its 7-function remote control provides greater control in the water.

### ! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

⚠ — Warning  
⚡ — Caution

! — Important  
💡 — Hint

📌 — Note

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**⚠ WARNING ⚠**

- Dispose of the old battery and the battery pack promptly and properly; do not bury or burn them.

**📌 NOTE 📌**

The Reef Skimmer is a fresh water skimmer only. It is not designed for use in salt water.

**💡 HINT 💡**

- If someone uses a CB nearby, it might interfere with control of the skimmer. If this happens, move the skimmer and transmitter away from the CB.
- You cannot operate your skimmer near devices with transmitters that use the same frequency as the skimmer (either 27 MHz or 49 MHz).

## ATTACHING THE TRANSMITTER'S ANTENNA

Thread the antenna into the transmitter's antenna connector. Make sure the connection is tight.

## INSTALLING THE ANTENNA TUBE

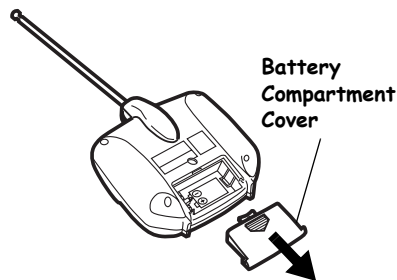
The antenna tube holds up the skimmer's antenna wire for the best reception and range. Route the wire's loose end through the tube. Then push the tube securely into the skimmer's antenna tube holder.

## INSTALLING BATTERIES

### IN THE TRANSMITTER

The transmitter requires one 9-volt battery for power. For the best performance and longest life, we recommend a RadioShack alkaline battery. ⚠

1. Slide OFF/ON to OFF.
2. Slide the battery compartment cover in the direction of the arrow marked on it and lift it off.

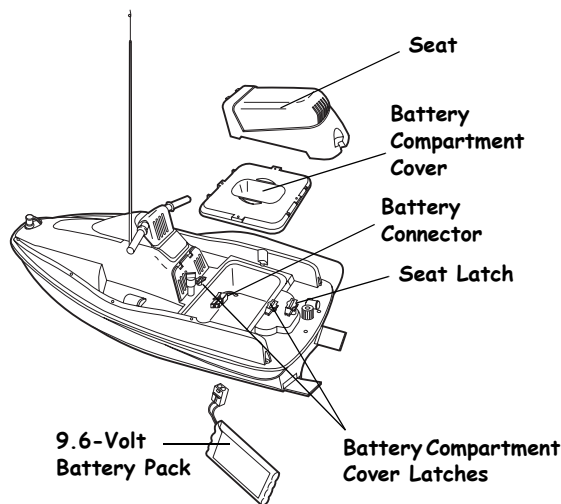


3. Put the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the cover and snap it shut.

When the transmitter's battery weakens, its power indicator flashes. Replace the battery. 📌💡

## IN THE SKIMMER

Your skimmer requires a rechargeable 9.6-volt battery pack (not supplied). Before you use the battery pack, you must charge it, using a special battery charger (not supplied). Follow the charger's instructions to charge the battery pack. ⚠



1. Remove the rider by sliding the hands off of the handle bars and lifting the rider off of the seat.
2. Turn the latch on the seat, then take off the seat.
3. Turn the latches on the battery compartment cover, then lift off the cover.
4. Attach the battery pack to the skimmer's matching connector. Do not force them together. They only fit one way. ⚠
5. Put the battery pack into the compartment.
6. Replace the battery cover and turn the latches to lock it. Replace the seat and turn the latch.
7. Replace the rider.

As the skimmer loses power, its turns become wider. When this happens, charge the battery pack.

If you want to run your skimmer for extended periods, we suggest you purchase an extra battery pack. You can charge one while you use the other.

### ⚠ CAUTION ⚠

- Use only a fresh battery and a fresh battery pack of the required size and recommended type.
- If you will not be using the skimmer for a week or longer, remove the battery from the transmitter and the battery pack from the skimmer. Batteries can leak chemicals that can damage electronic parts.
- Never leave dead or weak batteries in the transmitter or skimmer.
- Use only the recommended battery pack and charger.
- Do not charge or recharge the battery pack while it is in the skimmer.
- After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
- When you disconnect the battery pack from the charger, do not pull the connector's wires. You might damage the battery pack.
- Running your skimmer continuously for long periods generates high heat levels. Heat causes wear and tear on the motor. To keep heat levels down, when your skimmer's battery pack is exhausted, let the skimmer cool at least 10 minutes before installing a new or newly charged battery pack.


### **WARNING**

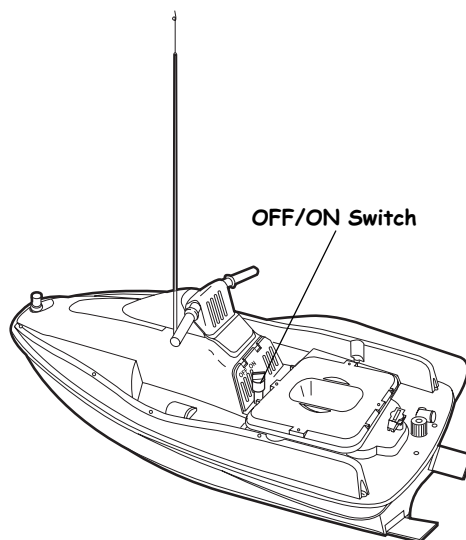
- Do not use your skimmer in strong currents, in salt water, or in any body of water with large waves.
- This skimmer reaches higher speeds than most radio-controlled boats. Be careful when you use the skimmer and avoid high impact collisions between people or objects.
- Never touch the propeller while it is spinning, and never put your fingers near the propeller when the skimmer's ON/OFF switch is set to ON.
- Never play with your skimmer in strong winds.
- Never play with your skimmer outside in thunderstorms.
- Be careful not to wade into deep water or strong currents. When the skimmer goes outside the transmitter's control range, hold the transmitter as high as possible with the antenna vertical to try to re-establish contact. If you cannot, move closer to the skimmer to control it.


### **CAUTION**

- If the skimmer moves slowly and you have installed fresh batteries, check the propeller mechanism for any debris.
- Do not use the battery charger in wet or hot areas.
- If water enters the skimmer's body, remove the battery pack immediately.

## DRIVING THE SKIMMER

1. Extend the transmitter's antenna to its full length.
2. Slide OFF/ON on the transmitter to ON. The skimmer's OFF/ON switch is under the seat. Remove the rider if you have already attached him. Turn the latch on the seat and take it off, then set the switch to ON. 



3. Replace the seat and turn the latch. Place the rider on the seat and attach his hands to the handles.
4. Use the transmitter's control levers to drive and steer the skimmer. 

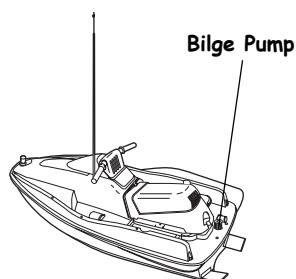
### **Left Control Lever — Speed Control**

- Push forward to move forward.
- Pull back to move backward.
- Release to stop.
- Push all the way forward for maximum speed.

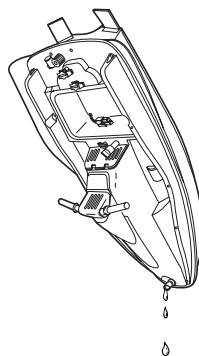
### **Right Control Lever — Rudder Control**

- Push left to turn left.
- Push right to turn right.
- Release to go straight.

5. When you finish playing, set the skimmer's OFF/ON switch to OFF, then slide the transmitter's OFF/ON switch to OFF. ✓



6. Remove all batteries from the skimmer and transmitter. Then turn the skimmer over and empty any water from the drain hole. Empty any water from the hull and dry the skimmer thoroughly before you store it.



Leave the skimmer's seat and battery compartment cover open while it is in storage to allow moisture to evaporate.

✓ **NOTE** ✓

Occasionally, let the battery pack fully discharge before recharging it. Otherwise, the battery pack loses its ability to fully charge.

**! IMPORTANT !**

The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates



RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.


### NOTE

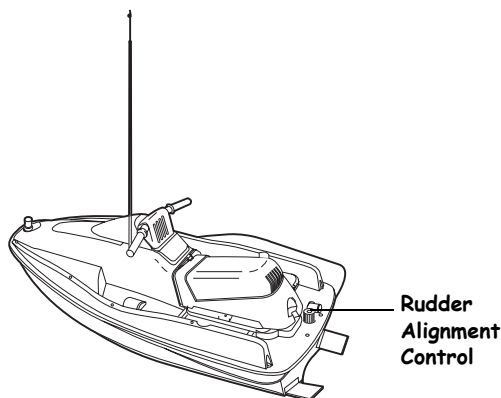
- You might find it difficult to steer the skimmer when it is at maximum speed. If this happens, decrease the speed.
- The automatic bilge pump works best when you keep steering the skimmer to the right.
- When you are not playing with the skimmer, place it on the supplied stand to protect the propeller from damage.
- The transmitter has a special circuit to prolong battery life. If you keep the control in one position continuously for 50 seconds, the transmitter automatically shuts off. If this happens, move the control to another position to continue driving.

### CAUTION

- Always turn on the transmitter first, then the skimmer, and always turn off the skimmer first then the transmitter. Otherwise, your skimmer might pick up other radio waves and start moving while the transmitter is off. Should this happen, immediately turn on the transmitter and use it to bring the skimmer under your control.
- Do not let the skimmer run aground. Keep the skimmer away from grass growing in the water and other debris that could cause propeller damage. These items can jam the skimmer's propeller and stop the skimmer away from the shore. (Continued)

## ADJUSTING THE RUDDER ALIGNMENT

If the skimmer does not drive in a straight line when you release the right control lever, adjust the rudder alignment control located near the back of the seat. Rotate the control toward L if the skimmer is pulling to the right. Rotate the control toward R if the skimmer is pulling to the left. 



## FCC NOTICE

Your skimmer and transmitter might cause TV or radio interference even when they are operating properly. To determine whether your vehicle and transmitter are causing the interference, turn them off. If the interference goes away, your skimmer or transmitter is causing it. Try to eliminate the interference by:

- Moving your skimmer and transmitter away from the TV or radio
- Contacting your local RadioShack store for help.

If you cannot eliminate the interference, the FCC requires that you stop using your Reef Skimmer and transmitter.

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this product not expressly approved by RadioShack, or operation of this product in any way other than as detailed by the Owner's Manual, could void your authority to operate the product.

## CARE

Never play with your skimmer in salt water: doing so might rust or corrode its parts. Do not expose the skimmer to temperature extremes. Wipe the skimmer clean with a dry towel after playing. Do not use chemicals on the skimmer as they can damage the body. Do not leave the skimmer or transmitter outside overnight. Dampness can damage their electronic circuits.

If your skimmer is not performing as it should, take it to your local RadioShack store for assistance. Modifying or tampering with the skimmer's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

## CAUTION

*(Continued)*

- When the batteries begin to lose power the skimmer slows down. To be sure the skimmer can make it to shore, guide it in as soon as you notice it slowing down.
- Do not leave your skimmer in the water when you finish playing. Water might seep into the hull and damage electronic parts.
- When you are not playing with the skimmer, place it on the supplied stand to protect the propeller from damage.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, crash, collision, impact, violent contact, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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